### INTERNATIONAL SEARCH REPORT

PCI/IB 03/50030

# A. CLASSIFICATION OF SUBJECT MATTER G11B20/10 G11B20/12

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{array}{cc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{G118} & \text{G06F} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, WPI Data, COMPENDEX

	C.	DOO	CUMI	ENTS	CO	SIDE	RED	то	BE	RE	LEVA	NT	
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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 333 311 A (WHIPPLE, II ET AL) 26 July 1994 (1994-07-26) abstract; figures 3-6 column 2, line 3 - column 3, line 43 column 4, line 51 - column 6, line 2	1-16
X	US 5 808 821 A (DAVY ET AL) 15 September 1998 (1998-09-15)	1,3,4, 6-10,
A	abstract column 2, line 44 - line 63 column 3, line 25 - column 5, line 4 claims 1,2,4-7	12-15 2,16
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Further documents are listed in the continuation of box C.	Patent family members are fisted in annex.
Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone.</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the International search 23 December 2005	Date of mailing of the international search report 02/01/2006
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tet. (+31-70) 340-2040, Tx. 31 651 epo ni,  Fax: (+31-70) 340-3016	Authorized officer  Schiwy-Rausch, G

## INTERNATIONAL SEARCH REPORT

Inter 1al Application No PC1/18 03/50030

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X	EP 0 532 335 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 17 March 1993 (1993-03-17) abstract column 4, line 10 - column 5, line 21 column 13, line 12 - column 14, line 28 claims 1-10; figure 7	1,4, 6-10, 12-15
A	US 5 131 087 A (WARR ET AL) 14 July 1992 (1992-07-14) claims 1-4	1,8,14
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A	VAN DER AN M A H ET AL: "Small form factor optical drive: miniaturized plastic high-NA objective and optical drive" OPTICAL MEMORY AND OPTICAL DATA STORAGE TOPICAL MEETING, 2002. INTERNATIONAL SYMPOSIUM ON 7-11 JULY 2002, PISCATAWAY, NJ, USA, IEEE, 7 July 2002 (2002-07-07), pages 251-253, XP010600189 ISBN: 0-7803-7379-0 abstract	14-16
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